

0500

OIIPE

ENTERED

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/663,020

DATE: 09/26/2000  
 TIME: 12:19:57

Input Set : A:\Pc92671.app  
 Output Set: N:\CRF3\09262000\I663020.raw

```

3 <110> APPLICANT: Bacher, Jeffery W.
4   Hennes, Laura
5   Nassif, Nadine
7 <120> TITLE OF INVENTION: DETECTION OF MICROSATELLITE INSTABILITY AND ITS USE IN
8   THE DIAGNOSING TUMORS
10 <130> FILE REFERENCE: 16026-9267
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/663,020
13 <141> CURRENT FILING DATE: 2000-09-15
15 <160> NUMBER OF SEQ ID NOS: 62
17 <170> SOFTWARE: PatentIn Ver. 2.1
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 20
21 <212> TYPE: DNA
22 <213> ORGANISM: Homo sapiens
24 <220> FEATURE:
25 <223> OTHER INFORMATION: BAT-25 primer
27 <400> SEQUENCE: 1
28 tcgcctccaa gaatgtaagt
31 <210> SEQ ID NO: 2
32 <211> LENGTH: 21
33 <212> TYPE: DNA
34 <213> ORGANISM: Homo sapiens
36 <220> FEATURE:
37 <223> OTHER INFORMATION: BAT-25 primer
39 <400> SEQUENCE: 2
40 tctgcatttt aactatggct c
43 <210> SEQ ID NO: 3
44 <211> LENGTH: 21
45 <212> TYPE: DNA
46 <213> ORGANISM: Homo sapiens
48 <220> FEATURE:
49 <223> OTHER INFORMATION: BAT-26 primer
51 <400> SEQUENCE: 3
52 tgactacttt tgacttcagc c
55 <210> SEQ ID NO: 4
56 <211> LENGTH: 22
57 <212> TYPE: DNA
58 <213> ORGANISM: Homo sapiens
60 <220> FEATURE:
61 <223> OTHER INFORMATION: BAT-26 primer
63 <400> SEQUENCE: 4
64 aaccattcaa catttttaac cc
67 <210> SEQ ID NO: 5
68 <211> LENGTH: 20
69 <212> TYPE: DNA
70 <213> ORGANISM: Homo sapiens
72 <220> FEATURE:

```

RAW SEQUENCE LISTING                      DATE: 09/26/2000  
 PATENT APPLICATION:    US/09/663,020        TIME: 12:19:57

Input Set : A:\Pc92671.app  
 Output Set: N:\CRF3\09262000\I663020.raw

```

73 <223> OTHER INFORMATION: MONO-11 primer
75 <400> SEQUENCE: 5
76 gagctgtgat tgcactacac                                20
79 <210> SEQ ID NO: 6
80 <211> LENGTH: 24
81 <212> TYPE: DNA
82 <213> ORGANISM: Homo sapiens
84 <220> FEATURE:
85 <223> OTHER INFORMATION: MONO-11 primer
87 <400> SEQUENCE: 6
88 ggcatagaatt actactgtcc tact                            24
91 <210> SEQ ID NO: 7
92 <211> LENGTH: 24
93 <212> TYPE: DNA
94 <213> ORGANISM: Homo sapiens
96 <220> FEATURE:
97 <223> OTHER INFORMATION: MONO-15 primer
99 <400> SEQUENCE: 7
100 tcagatttat ttggggcttc actc                            24
103 <210> SEQ ID NO: 8
104 <211> LENGTH: 18
105 <212> TYPE: DNA
106 <213> ORGANISM: Homo sapiens
108 <220> FEATURE:
109 <223> OTHER INFORMATION: MONO-15 primer
111 <400> SEQUENCE: 8
112 ggccggagctt gcagtgag                                18
115 <210> SEQ ID NO: 9
116 <211> LENGTH: 20
117 <212> TYPE: DNA
118 <213> ORGANISM: Homo sapiens
120 <220> FEATURE:
121 <223> OTHER INFORMATION: D1S518 primer
123 <400> SEQUENCE: 9
124 tgcagatctt gggacttctc                                20
127 <210> SEQ ID NO: 10
128 <211> LENGTH: 20
129 <212> TYPE: DNA
130 <213> ORGANISM: Homo sapiens
132 <220> FEATURE:
133 <223> OTHER INFORMATION: D1S518 primer
135 <400> SEQUENCE: 10
136 aaaaagagtg tgggcaactg                                20
139 <210> SEQ ID NO: 11
140 <211> LENGTH: 20
141 <212> TYPE: DNA
142 <213> ORGANISM: Homo sapiens
144 <220> FEATURE:
145 <223> OTHER INFORMATION: D1S547 primer

```

RAW SEQUENCE LISTING                      DATE: 09/26/2000  
 PATENT APPLICATION: US/09/663,020        TIME: 12:19:57

Input Set : A:\Pc92671.app  
 Output Set: N:\CRF3\09262000\I663020.raw

```

147 <400> SEQUENCE: 11
148 ctgaagtggg aggattgctt                20
151 <210> SEQ ID NO: 12
152 <211> LENGTH: 20
153 <212> TYPE: DNA
154 <213> ORGANISM: Homo sapiens
156 <220> FEATURE:
157 <223> OTHER INFORMATION: D1S547 primer
159 <400> SEQUENCE: 12
160 aattcagggg agttccagag                20
163 <210> SEQ ID NO: 13
164 <211> LENGTH: 20
165 <212> TYPE: DNA
166 <213> ORGANISM: Homo sapiens
168 <220> FEATURE:
169 <223> OTHER INFORMATION: D1S1677 primer
171 <400> SEQUENCE: 13
172 agtcagcttg attgacccag                20
175 <210> SEQ ID NO: 14
176 <211> LENGTH: 21
177 <212> TYPE: DNA
178 <213> ORGANISM: Homo sapiens
180 <220> FEATURE:
181 <223> OTHER INFORMATION: D1S1677 primer
183 <400> SEQUENCE: 14
184 cttagtgtga caggaaggac g              21
187 <210> SEQ ID NO: 15
188 <211> LENGTH: 20
189 <212> TYPE: DNA
190 <213> ORGANISM: Homo sapiens
192 <220> FEATURE:
193 <223> OTHER INFORMATION: D2S1790 primer
195 <400> SEQUENCE: 15
196 acatgtcgat ctcagcgttc                20
199 <210> SEQ ID NO: 16
200 <211> LENGTH: 20
201 <212> TYPE: DNA
202 <213> ORGANISM: Homo sapiens
204 <220> FEATURE:
205 <223> OTHER INFORMATION: D2S1790 primer
207 <400> SEQUENCE: 16
208 gagttttatt ggccaaagca                20
211 <210> SEQ ID NO: 17
212 <211> LENGTH: 20
213 <212> TYPE: DNA
214 <213> ORGANISM: Homo sapiens
216 <220> FEATURE:
217 <223> OTHER INFORMATION: D3S2432 primer
219 <400> SEQUENCE: 17

```

## RAW SEQUENCE LISTING

DATE: 09/26/2000

PATENT APPLICATION: US/09/663,020

TIME: 12:19:57

Input Set : A:\Pc92671.app

Output Set: N:\CRF3\09262000\I663020.raw

```

220 ggcaggcagg tagatagaca                20
223 <210> SEQ ID NO: 18
224 <211> LENGTH: 23
225 <212> TYPE: DNA
226 <213> ORGANISM: Homo sapiens
228 <220> FEATURE:
229 <223> OTHER INFORMATION: D3S2432 primer
231 <400> SEQUENCE: 18
232 acactaaaca agcatagtca ggc            23
235 <210> SEQ ID NO: 19
236 <211> LENGTH: 20
237 <212> TYPE: DNA
238 <213> ORGANISM: Homo sapiens
240 <220> FEATURE:
241 <223> OTHER INFORMATION: D5S818 primer
243 <400> SEQUENCE: 19
244 ggggtgatttt cctctttggt            20
247 <210> SEQ ID NO: 20
248 <211> LENGTH: 20
249 <212> TYPE: DNA
250 <213> ORGANISM: Homo sapiens
252 <220> FEATURE:
253 <223> OTHER INFORMATION: D5S818 primer
255 <400> SEQUENCE: 20
256 tgattccaat catagccaca            20
259 <210> SEQ ID NO: 21
260 <211> LENGTH: 20
261 <212> TYPE: DNA
262 <213> ORGANISM: Homo sapiens
264 <220> FEATURE:
265 <223> OTHER INFORMATION: D5S2849 primer
267 <400> SEQUENCE: 21
268 cctggaagaa ccaatgctta            20
271 <210> SEQ ID NO: 22
272 <211> LENGTH: 20
273 <212> TYPE: DNA
274 <213> ORGANISM: Homo sapiens
276 <220> FEATURE:
277 <223> OTHER INFORMATION: D5S2849 primer
279 <400> SEQUENCE: 22
280 ttgagcccag aaagtttgag            20
283 <210> SEQ ID NO: 23
284 <211> LENGTH: 20
285 <212> TYPE: DNA
286 <213> ORGANISM: Homo sapiens
288 <220> FEATURE:
289 <223> OTHER INFORMATION: D6S1053 primer
291 <400> SEQUENCE: 23
292 tatttcaaag gcagcaaagc            20

```

## RAW SEQUENCE LISTING

DATE: 09/26/2000

PATENT APPLICATION: US/09/663,020

TIME: 12:19:57

Input Set : A:\Pc92671.app

Output Set: N:\CRF3\09262000\I663020.raw

```

295 <210> SEQ ID NO: 24
296 <211> LENGTH: 20
297 <212> TYPE: DNA
298 <213> ORGANISM: Homo sapiens
300 <220> FEATURE:
301 <223> OTHER INFORMATION: D6S1053 primer
303 <400> SEQUENCE: 24
304 gcttgcagac agcctattgt 20
307 <210> SEQ ID NO: 25
308 <211> LENGTH: 20
309 <212> TYPE: DNA
310 <213> ORGANISM: Homo sapiens
312 <220> FEATURE:
313 <223> OTHER INFORMATION: D7S1808 primer
315 <400> SEQUENCE: 25
316 cagaacaaac aaatggggag 20
319 <210> SEQ ID NO: 26
320 <211> LENGTH: 20
321 <212> TYPE: DNA
322 <213> ORGANISM: Homo sapiens
324 <220> FEATURE:
325 <223> OTHER INFORMATION: D7S1808 primer
327 <400> SEQUENCE: 26
328 ccaaataaga ctccaggacgc 20
331 <210> SEQ ID NO: 27
332 <211> LENGTH: 20
333 <212> TYPE: DNA
334 <213> ORGANISM: Homo sapiens
336 <220> FEATURE:
337 <223> OTHER INFORMATION: D7S3046 primer
339 <400> SEQUENCE: 27
340 acatacggat gaatggatgg 20
343 <210> SEQ ID NO: 28
344 <211> LENGTH: 23
345 <212> TYPE: DNA
346 <213> ORGANISM: Homo sapiens
348 <220> FEATURE:
349 <223> OTHER INFORMATION: D7S3046 primer
351 <400> SEQUENCE: 28
352 tataacctct ctccctatct ccc 23
355 <210> SEQ ID NO: 29
356 <211> LENGTH: 20
357 <212> TYPE: DNA
358 <213> ORGANISM: Homo sapiens
360 <220> FEATURE:
361 <223> OTHER INFORMATION: D7S3070 primer
363 <400> SEQUENCE: 29
364 ccccatgag ttattcctct 20
367 <210> SEQ ID NO: 30

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/663,020

DATE: 09/26/2000

TIME: 12:19:58

Input Set : A:\Pc92671.app

Output Set: N:\CRF3\09262000\I663020.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application Number